



“THE SKYCHASER”

South Dakota Wing Electronic Newsletter for April 2018

Official Auxiliary of the U.S. Air Force - Citizens Serving Communities: Above and Beyond

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WING TIPS

- **REDCAP-MISSING PERSON:** On the morning of 12 April, the Air Force Rescue Coordination Center at Tyndall AFB, Florida, placed South Dakota Wing on alert in response to a request from Pennington County Search and Rescue (PCSAR) for assistance in helping search for a 29-year-old male missing in the Black Hills. Lt. Col. Craig Goodrich was dispatched to the PCSAR command center to act as Liaison Officer, simultaneously a number of SDWG personnel were placed on mission standby. However, about two hours later the South Dakota Office of Emergency Management advised that the missing person was found deceased and the mission stood down.

- **GLIDER UPDATE:** Thanks to help from some of our folks and some North Dakota Wing members our glider has now been assembled and is in the hangar at Black Hills Airport, also known as Clyde Ice Field, in Spearfish. We are looking forward to good weather so we can start our glider orientation flight syllabus.



- **NCR CADET COMPETITION:** The 2018 North Central Region Cadet Competition was held in Camp Ashland, Nebraska, from 13 to 15 April. The competition was headed by Col. Dave Winters, NCR Cadet Programs Deputy Chief of Staff, and C/Lt Col Boaz Fink, NCR Cadet Activities Officer. The cadets competed in several events: indoor and outdoor presentation of the colors, a team leadership problem, public speaking, a CAP panel quiz, a written CAP knowledge test, a physical fitness test, and a uniform inspection. The goal was to select the best Cadet Competition team to represent the North Central Region at the upcoming National Cadet Competition in July. The winning team at this year's NCR Cadet Competition was Anoka County Composite Squadron from the Minnesota Wing. The second place team was the Wentzville Composite Squadron from the Missouri Wing. The Sioux Falls Composite Squadron from the SDWG took third place. The Fort Leonard Wood Composite Squadron from Missouri Wing placed fourth. The top two teams will compete at the National Cadet Competition in Dayton, OH from 30 June - 2 July 2018.

C/Capt Mariel Klosterman, C/2d Lt David Willison, C/CMSgt Austen King, and C/SMSgt Caleb Hofer were cadets on the NCR competition staff from the South Dakota Wing. 1st Lt. Mimi Klosterman shepherded our team through the competition.

The members on the Sioux Falls Composite Squadron team are C/CMSgt Peter Willison, C/CMSgt Sydnie Cloutier, C/MSgt Kaleb Sarchet, C/SSgt Lydia Klosterman, C/SSgt Daniel Willison, and C/SrA Micah Healy. The team earned awards for the following individual events: 1st place in Outdoor Posting of Colors, 1st place in Team Leadership Problem, 2nd place in Public Speaking, 2nd place in Panel Quiz, and 2nd place in Physical Fitness Test where C/SSgt Lydia Klosterman earned the Female Fleet Foot award for the fastest mile time.



- **AERIAL WILDLIFE SURVEYS:** SDWG flew five aerial surveys of terrestrial wildlife over four days in April in support of the state's Department of Game, Fish & Parks (GF&P) and South Dakota State University (SDSU). Both organizations have continually ongoing research projects surveying mountain lions, bobcats, swift foxes, white-tailed deer, mule deer, elk, bighorn sheep, and mountain goats. The result was 13.4 hours flying over western South Dakota and the Black Hills and 2.8 hours flying over eastern South Dakota for a total of 16.2 flight hours. CAP pilots were: Lt. Col. Gary Hewett, 4 sorties; and Maj. E.W. Filler, 1 sortie. Depending whom the sortie supported the pilot is accompanied by a representative from SDSU or from GF&P. The photo shows a wild turkey, one of the critters tracked by GF&P and SDSU researchers.



STAFF NOTES



WING COMMANDER

Col. David Small Jr., CAP

- **WING CONFERENCE:** Thank you to all who were able to make it. Many of you took an extra day off work to come Thursday evening; I trust that it was worth it. No criticism at all for those who could not make it - weather was nasty and roads were closed. We didn't have any mishaps for which I'm most grateful. An accident with injuries would have ruined the weekend for all. Good judgement all! Though the group was smaller than originally hoped for it was a great weekend. Lots of good training occurred and new friendships made. Thank you for the fantastic planning job by Lt. Col. Craig Goodrich, 1st Lt. Tricia Weathers, Maj. Karla West, Ms. Rachel Kuecker and Capt. Jason Erickson. Everything went off without a hitch. Brig. Gen. Phelka, the National Vice Commander, left with lots of positive words to say about our wing as did NCR Commander Col. Regena Aye and our Air Force minder, Lt. Col. Jeff Myeres.

- **WING STAFF:** Please join me in welcoming Maj. Jeremy Langrock as Assistant Wing Stan/Eval Officer (DOV). As an airline pilot and Certified Flight Instructor Maj. Langrock is eminently qualified and experienced to serve in this capacity. He will take over wing DOV from Joe Oye as the two of them work to pass off the workload. Thank you Jeremy for volunteering and thank you Joe for your service these past two years!

- **SCHOOLS VISIT:** On 27 April, Wing Vice Commander, Lt. Col. Buck DeWeese, and I travelled to the Municipal Airport at Oneida airport to help show the 5th and 6th grade students from Oneida Elementary School how aviation is used in everyday life. Lt. Col. DeWeese brought some paper airplanes to help them see how and why airplanes fly. After chatting about becoming a pilot someday the students got on the bus and went to the airport to see the plane, sit inside it, and marvel over all the instruments. Following the Oneida visit, we went to Miller where we met with school administrators.



LT. COL. BUCK DEWEESE WITH THE FIFTH AND SIXTH GRADERS OF ONEIDA ELEMENTARY SCHOOL

- **FINANCIAL REPORT:** NHQ just audited our wing's finance and we did very well, the score of "6" is only one away from the highest possible. Like in golf, low scores are better.



WING CHIEF OF STAFF

Maj. Nick Gengler, CAP

- **ENCAMPMENT**: Registration for the 2018 Joint Dakota Encampment to be held at Camp Grafton, North Dakota from Saturday 23 June to Sunday 1 July, will end May 31st. The cost for a cadet is \$175, for a senior member, \$125 Here is the link: <http://www.ndcap.us/cadet-programs/joint-dakota-cadet-encampment/>.
- **CADET ENCAMPMENT ASSISTANCE PROGRAM (CEAP)**: Thanks to Air Force support, CAP has special funding available to cover encampment fees and uniforms with an emphasis on serving economically disadvantaged cadets. An inability to afford encampment will not hold back cadets who want to participate in encampment. CEAP applications open 1 March for our encampment. Applications close 10 days before the start of the encampment. Assistance is granted on a first-come, first-served basis so don't wait. Here is the [link](#) for additional information and how to apply.



WING DIRECTOR OF CADET PROGRAMS

Lt. Col. Linda Buechler, CAP

- **TLC-BASIC / INTERMEDIATE**: A Training Leaders of Cadets Basic (TLC-Basic) was held during the SD Wing Conference April 13, 2018. Adult leaders are prepared to contribute as Cadet Programs Officers on a squadron staff. Fifteen senior members from Iowa, Minnesota, and South Dakota Wings graduated from the TLC-Basic course. Training Leaders of Cadets is the premiere venue for Cadet Programs Officers to learn how to become better mentors of cadets and more effective managers of cadet squadrons. Instructors were Lt. Col. Linda Buechler (also Director for the TLC); Maj. Nicholas Gengler, and Col. Mary Donley. In addition, a TLC-Intermediate course was also held on April 15. Director and Instructor for this course was Lt. Col. Buechler.
- **HONOR GUARD ACADEMY**: I am working on getting a location for the Unit Honor Guard Academy. I'm hoping for the RTI in Sioux Falls in October. This will be a region Honor Guard Academy. Please remind your cadets who want to attend this Academy that it is not for Honor Guard training but for Color Guard training. It is a program to help get everyone on the same page for color guard and prepares them for the National Honor Guard Academy. Currently I am looking for a Cadet Commander. For those interested in the position I am looking for a cadet no less than C/CMSgt. I would like a letter of interest and a brief resume from each cadet applying for the position. This person will need to establish his/her cadet staff with approval from myself as Director of the Academy.

NATIONAL CHARACTER DEVELOPMENT WEEKEND: I am looking to go to the Fagen Fighters WWII Museum during that weekend. It is a 2 1/2 hour trip approximately from Sioux Falls. Looking for bivouac area which could be at a Baptist Church in Minnesota near the Museum which is in Granite Falls, Minnesota, Friday night or possibly the Sioux Falls Squadron if approved by Lt. Col. Epp. Return home on Saturday after visiting the museum and hopefully talking to a WWII veteran there. Commanders please give me your comments and squadron interest. It will be in September and on a Saturday from 1000-1600. I will be talking to the museum personnel this week. Cost is \$10 per person.



DIRECTOR OF PROFESSIONAL DEVELOPMENT

Col. Mary Donley, CAP

- North Central Region Staff College is coming up soon and it will never be closer or more cost effective. Those members in Level III and IV please consider coming!! The dates are 12-16 June 2018 in Sioux Falls at the Regional Training Institute by the Army Guard north of the Sioux Falls Airport. (It is not at Ft Meade near Sturgis like the map on EventBrite shows. To register go to: <https://ncr-rsc2018.eventbrite.com/> and register. If you prefer to register by email or mail send me your application mary.donley@sdcap.us Use CAPF 17 and mail to: Col Mary F Donley, 5510 S. Lewis Ave., Sioux Falls, SD 57108. Please contact me with any questions you have. Deadline for applications is June 1.

SQUADRON HIGHLIGHTS

BIG SIOUX COMPOSITE SQUADRON (SD-058 – BROOKINGS)

(Items and photos submitted by C/Capt. Annabelle Klosterman)

- **LOYALTY DAY CELEBRATION COLOR GUARD:** On 29 April, members from our squadron assisted the SDSU ROTC with performing an indoor presentation of the colors at the Brookings Veterans of Foreign Wars (VFW) Post 2118's annual Loyalty Day Celebration and VFW Award Ceremony. From left to right, C/Capt Annabelle Klosterman, C/SSgt Lydia Klosterman, C/CMSgt Isaiah Klosterman, and 1st Lt Tyler Gross.



- **OPEN HOUSE:** The squadron held our first open house in a long time. This event was on 28 April from 1100-1600 and was held in Brookings. The theme was Military Appreciation Day, intended to honor those who have served and those currently serving in the military as well as promote the opportunities Civil Air Patrol has to offer. We had a great turnout of about 40 individuals, parents, and families. We had stations set up both inside and outside the squadron that included activities like rockets, emergency services, cybersecurity, flight simulator, cadet programs, cadet events, radio communications, drug demand and reduction, and color guard.

We also had sections that included Dakota State University's laser tag, South Dakota State University's flight simulator, the Brookings County Sheriff, Police, and Fire Departments emergency vehicles. We marketed this event by using radio ads, newspapers, EventBrite, community calendars, emails and word of mouth. Special thanks to Col. David Small, Lt. Col. Buck DeWeese, and Lt. Col. Buechler from Wing Staff and to SSgt David Stockinger, 1st Lt. Melanie Schuppan, C/CMSgt Christopher Schuppan, C/2d Lt David Willison, C/CMSgt Peter Willison, and C/SSgt Daniel Willison from Sioux Falls Composite Squadron for their assistance.



- **PIERRE WOMEN IN SCIENCE:** On 17 April, members from Big Sioux Composite Squadron traveled to Pierre and spoke to middle school and high school girls on the different opportunities Civil Air Patrol has to offer at the Women In Science event. The goal of the event is to stimulate the interest in STEM careers by connecting girls with local women already working in these professions. By providing contacts with potential mentors, we encouraged young women to explore the possibilities available to them and to continue taking the math and science courses to prepare them for careers in STEM fields. There were girls from around the area and one girl was recruited to attend the squadron meeting that night. She plans on joining CAP on 1 May.



- **ROCKETRY - STEM KIT:** This month the Big Sioux Composite Squadron finished the Rocketry STEM kit that was provided by NHQ. The STEM kit included supplies for creating and launching Alpha III rockets. These single stage rockets count to completing Stage Two of the Civil Air Patrol Model Rocketry program.



CRAZY HORSE COMPOSITE SQUADRON (SD-068 – CUSTER)

(Items and photos submitted by Capt. Bierwirth)

- **CHANGE OF COMAND:** Please welcome Capt. Donald Weiand as the new commander of the Crazy Horse Composite Squadron. Don has an Army background and is the father of three cadets. He is a wonderful addition to the squadron and will be an awesome commander.



LEFT TO RIGHT: INCOMING COMMANDER CAPT. DON WEIAND,
WING COMMANDER COL. DAVID SMALL, OUTGOING COMMANDER CAPT. KRIS BIERWIRTH

- **SQUADRON OF MERIT:** The Crazy Horse Composite Squadron received the Squadron of Merit Award for their cadet program. This award recognizes the top Civil Air Patrol Composite or Cadet Squadron regionally and nationally for distinctive accomplishments in the cadet program during the preceding year. Crazy Horse Composite Squadron was the top squadron out of eight regions. In addition to a certificate the squadron also received a streamer to add to their unit flag.



LEFT TO RIGHT: FORMER SQUADRON COMMANDER CAPT. KRIS BIERWIRTH,
WING COMMANDER COL. DAVID SMALL, NEW SQUADRON COMMANDER CAPT. DONALD WEIAND

★ ★ PROMOTIONS ★ ★

Senior Member Promotion



Congratulations to Jerry Foy of Sioux Falls on his promotion to the rank of Major!

Cadet Officer Promotions



Congratulations to Kyle Clement of Sioux Falls, and to Mariel Klosterman and Annabelle Klosterman, both of Brandon, on their promotion to the rank of Cadet Captain and receipt of the milestone Amelia Earhart Award!



Cadet Noncommissioned Officer Promotions



Congratulations to Kaleb Sarchet of Valley Springs on his promotion to the rank of Cadet Master Sergeant and receipt of the Charles Lindbergh Award!



Congratulations to Daniel Willison of Sioux Falls on his promotion to the rank of Cadet Staff Sergeant and receipt of the Wright Brothers Award!



Cadet Airman Promotion



Congratulations to Gabriel Eager of Sioux Falls on his promotion to the rank of Cadet Senior Airman and receipt of the Mary Feik Award!



★ ★ **KUDOS** ★ ★



National Commander, Major General Mark E. Smith, recently approved an award for several members of the South Dakota Wing in recognition of outstanding service during Hurricane Harvey.

Lt. Col. Craig Goodrich	Wing Staff	Meritorious Service Award
Lt. Col. Myra Christensen	Pierre Composite Squadron	National Commander's Commendation Award
Capt. Jonathan Becker	Pierre Composite Squadron	National Commander's Commendation Award
Capt. Jason Erickson	Sioux Falls Composite Sqdn.	National Commander's Commendation Award
Capt. Scott Giles	Rushmore Composite Sqdn.	National Commander's Commendation Award
Capt. Patrick Nowlin	Rushmore Composite Sqdn.	National Commander's Commendation Award
Capt. Joseph Oye	Wing Staff	National Commander's Commendation Award
2 nd Lt. Thomas Redlin	Sioux Falls Composite Sqdn.	National Commander's Commendation Award



Maj. Jeremy Langrock of the Sioux Falls Composite Squadron received a National Commanders Commendation Award for his work on updating the Squadron Leadership School curricula at the national level.



A list of those who received Wing, Regional and National Awards at the Wing Conference is attached as the last page of this edition of the Skychaser



Congratulations to SM Richard Rezac of Pierre Composite Squadron who has completed all of the requirements for the "Technician" rating in the Cadet Programs specialty track!



Congratulations to C/Capt Annabelle Klosterman of the Big Sioux Composite Squadron who has been appointed to the Wing Staff as Cadet Assistant Wing Public Affairs Officer! She an excellent writer/reporter and will bring a fresh perspective SDWG Public Affairs.

★ ★ **SPACE JUNK SWEEPER** ★ ★

Space-X has launched an experimental space junk sweeper into orbit: Space may be about to get a lot less cluttered. A 2 April, launch by SpaceX saw a Falcon-9 rocket lift off from Florida packed with three tons of supplies for the International Space Station (ISS). The launch also carried some unconventional cargo: an experimental system known as "RemoveDEBRIS", which scientists hope will help clean up Earth's space junk-littered upper atmosphere.

Space junk is a serious problem in Earth's lower orbit, where there are currently more than 500,000 pieces of defunct satellites, used rocket boosters and other space junk, according to NASA. While many are no larger than a marble, they still pose a threat to satellites and other orbiting structures: In 2015, a rogue piece of an old

Russian weather satellite barreling along at eight miles per second forced astronauts in the ISS to take temporary shelter.

Scientists hope RemoveDEBRIS will help. The system, developed by the U.K.'s University of Surrey Space Center and co-funded by the European Commission, will be assembled by ISS astronauts before being deployed for a few tests to see how well it captures miniature satellites and pulls them out of orbit.

The first trial will involve firing a net to capture the satellites, which is a very flexible option because even if the debris is spinning, or has got an irregular shape, to capture it with a net is relatively low-risk compared to retrieving debris using a robotic arm. Another test will involve a retractable harpoon, which may be simpler but a bit more risky because you have to hit your debris in a place that is suitable.

By Eli Meixler, Time – The Brief – What to Know Now, for Tuesday April 3rd

★ ★ GREMLINS ★ ★



The Defense Advanced Research Projects Agency (DARPA) on Wednesday awarded Dynetics a \$38.6 million contract for phase three of the development of the “Gremlins” program. Under the program a C-130 will deploy a swarm of low-cost, reusable drones that can later be collected and recovered after their mission is completed. The Gremlins program involves deploying a towed, stabilized capture device below and away from the C-130. The drone docks with the device much like an airborne refueling operation. Once docked and powered off the air vehicle is raised into the C-130, where it is stowed. A C-130 can stand off from

danger and manage multiple drones equipped with sensors and other payloads for enhanced support for tactical strike, reconnaissance/surveillance and close air support missions. The C-130 returns to a forward operating base where the drones can be quickly refurbished and put back into the fight. The potential to overwhelm an adversary continuously with multiple volleys is tremendous. The photo is an artist’s conception of the C-130 mothership recovering a drone.

Source: Air Force Magazine, Daily Report, Friday, April 20, 2018



2018 South Dakota Wing Awards

CAPID	Name	Sqdrn	Award	Type
1 495075	Blansett, Bradley	SD-031	Achievement Award	Certificate
2 167895	Carley , Ruth M	SD-038	Commander's Commendation Award (Wing)	Certificate
3 565866	Cloutier , Sydnie ND	SD-050	AFSA Cadet NCO of the Year	Trophy (small)
4 508208	Dravland , Todd R	SD-038	Communicator of the Year	Trophy (small)
5 466104	Epp , Todd D	SD-050	Achievement Award	Certificate
6 510995	Erickson , Jason C	SD-050	Achievement Award	Certificate
7 441103	Foy , Jerome P	SD-050	Property Management Officer of the Year	Trophy (small)
8 472324	Hoffman , Nathan J	SD-050	Commander's Commendation Award (Wing)	Certificate
9 419353	Huntington, Samuel	SD-031	Achievement Award	Certificate
10 583835	Johnson , Christina	SD-050	Commander's Commendation Award (Wing)	Certificate
11 164726	Johnson , Justin W	SD-050	Senior of the Year	Trophy (big)
12 220763	Johnson, Michael	SD-031	Commander's Commendation Award (Wing)	Certificate
13	Klosterman, Annabell	SD-058	Commander's Commendation Award (Wing)	Certificate
14 461619	Klosterman , Maria	SD-050	Col (Bud) Payton PAO of the Year	Trophy (small)
15 456103	Klosterman, Joshua	SD-058	Cadet of the Year	Trophy (big)
16 461619	Klosterman, Maria	SD-050	Achievement Award	Certificate
17 540358	Lair, Julia	SD-050	Commander's Commendation Award (Wing)	Certificate
18 525548	Petersen, Jaden	SD-058	Commander's Commendation Award (Wing)	Certificate
19 584361	Redlin , Thomas J	SD-050	Achievement Award	Certificate
20 539614	Schuppan , Melanie	SD-050	Commander's Commendation Award (Wing)	Certificate
21 431586	Small Jr, David G	SD-001	Ed Lewis Incident Staff Member of the Year	Certificate
22 549867	Steele , Manford J	SD-050	George Texido Legislative Officer Of the Year	Trophy (small)
23 583499	Strandell , William	SD-050	Achievement Award	Certificate
24 574997	Weathers , Tricia	SD-031	Commander's Commendation Award (Wing)	Certificate

Region Level Awards

Klosterman, Joshua	NCR Region Cadet of the Year
Klosterman, Maria	NCR Region Bud Payton PAO of the Year
Steele, Manny	NCR Region, Texido Legislative Officer of the Year

Commander Challenge Coins

10 Justin Johnson	Oustanding AMO support for CI & for getting ADS-B
11 Kris Bierwirth	Great job during term as commander at Custer
12 Tricia Weathers	Great job as interim commander at Rushmore & other